

**VIRGINIA STANDARDS OF LEARNING**

**Spring 2004 Released Test**

**GRADE 3  
Mathematics**

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**LARGE PRINT FORM**

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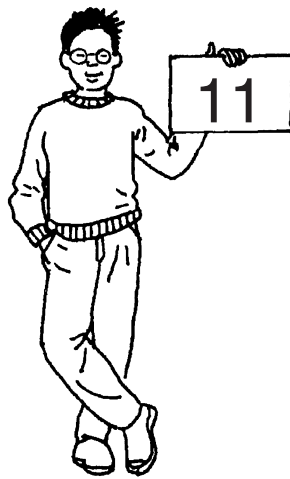
## DIRECTIONS

Read and solve each question.

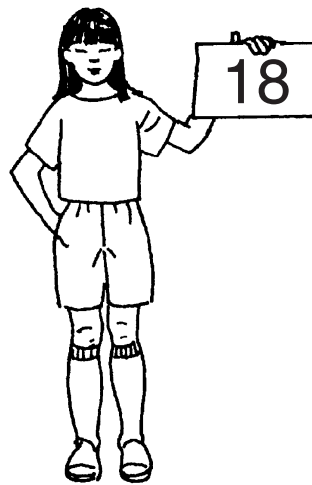
### SAMPLE A



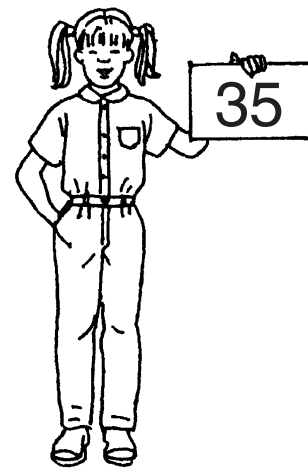
**David**



**Greg**



**Keiko**

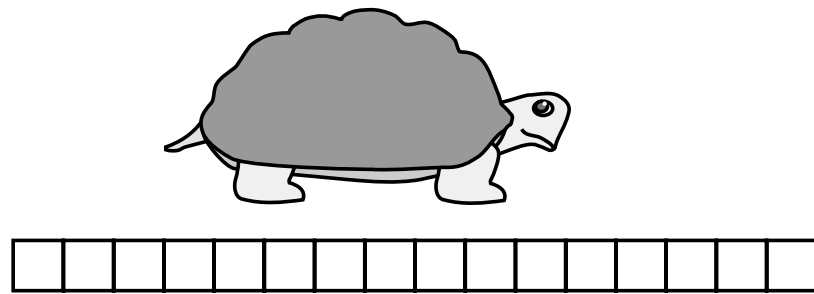


**Betsy**

**Who is holding a card with an even number on it?**

- A David**
- B Greg**
- C Keiko**
- D Betsy**

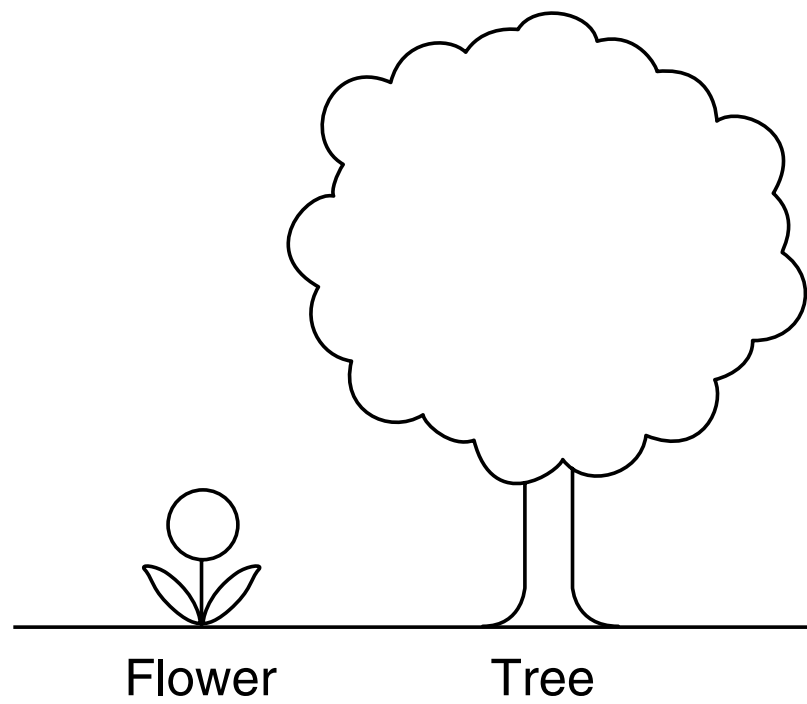
1



**The length of the turtle from nose to tail is closest to**

- A 4 squares**
- B 5 squares**
- C 8 squares**
- D 16 squares**





**2**



**Which is not true?**

- F The flower is above the tree.**
- G The flower is beside the tree.**
- H The flower is near the tree.**
- J The flower is next to the tree.**

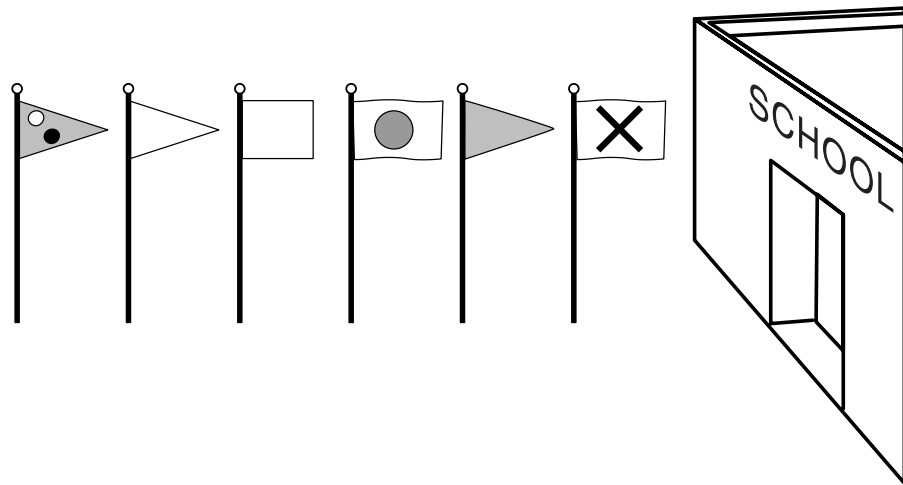
3 The graph shows the favorite winter activities of the students in Randy’s class.

Favorite Winter Activities	
Activity	Number of Votes
Skiing	
Ice Skating	
Sledding	
Hockey	

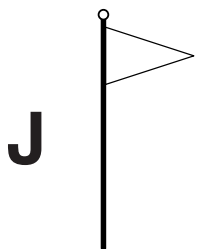
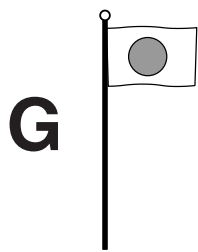
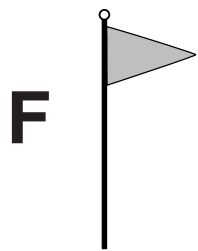
How many fewer liked hockey than sledding?

- A 3
- B 4
- C 5
- D 6

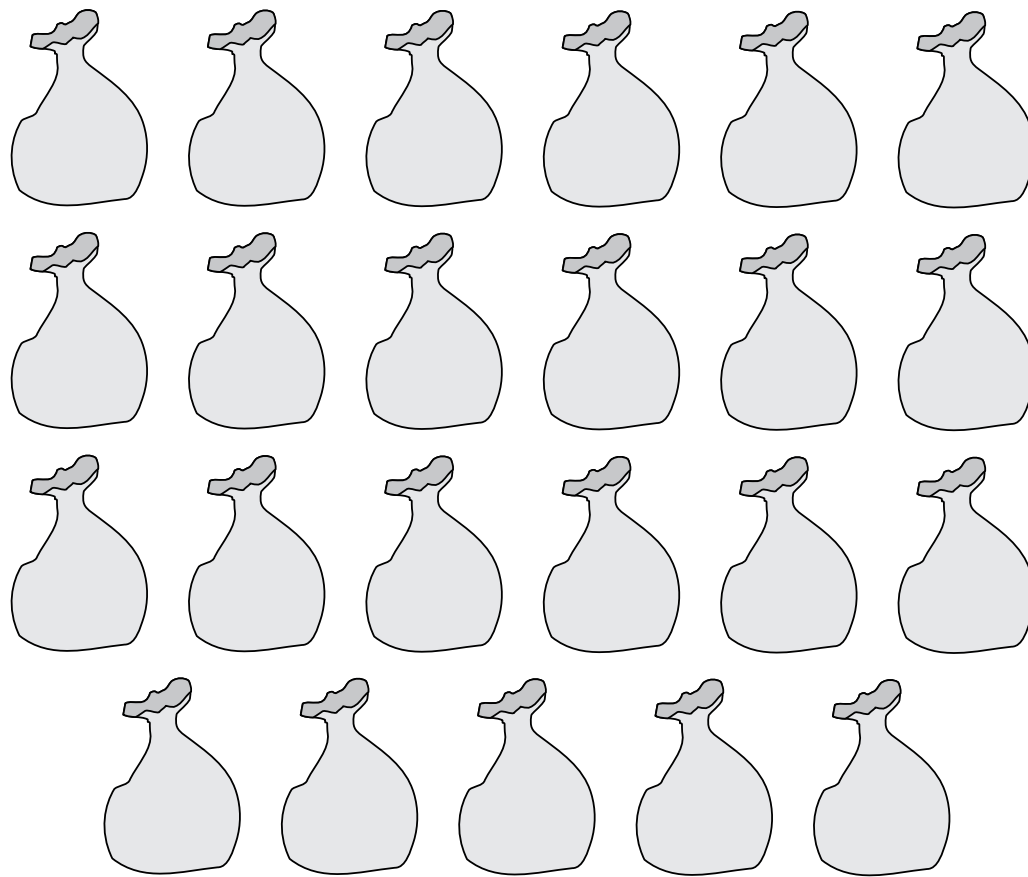
4



**What flag is 5th in line from the school?**



**5**



**Jack put exactly 3 pennies in each of these bags.  
How many pennies did he use in all?**

- A 23**
- B 66**
- C 69**
- D 72**

**6 The chart shows the number of pages Lisa read during four days.**

Day	Monday	Tuesday	Wednesday	Thursday
Pages Read	24	17	31	26

**How many more pages did Lisa read on Wednesday than on Tuesday?**

**F 14**

**G 16**

**H 24**

**J 26**



**7 Look at this number sentence.**

$$8 + \square = 15$$

**Which could you do to find the missing number?**

- A Add 8 and 15**
- B Add 15 and 8**
- C Subtract 8 from 15**
- D Subtract 7 from 8**

**8 Jesse had \$1.97.**

**If he spent 85¢ for a bag of popcorn, how much did he have left?**

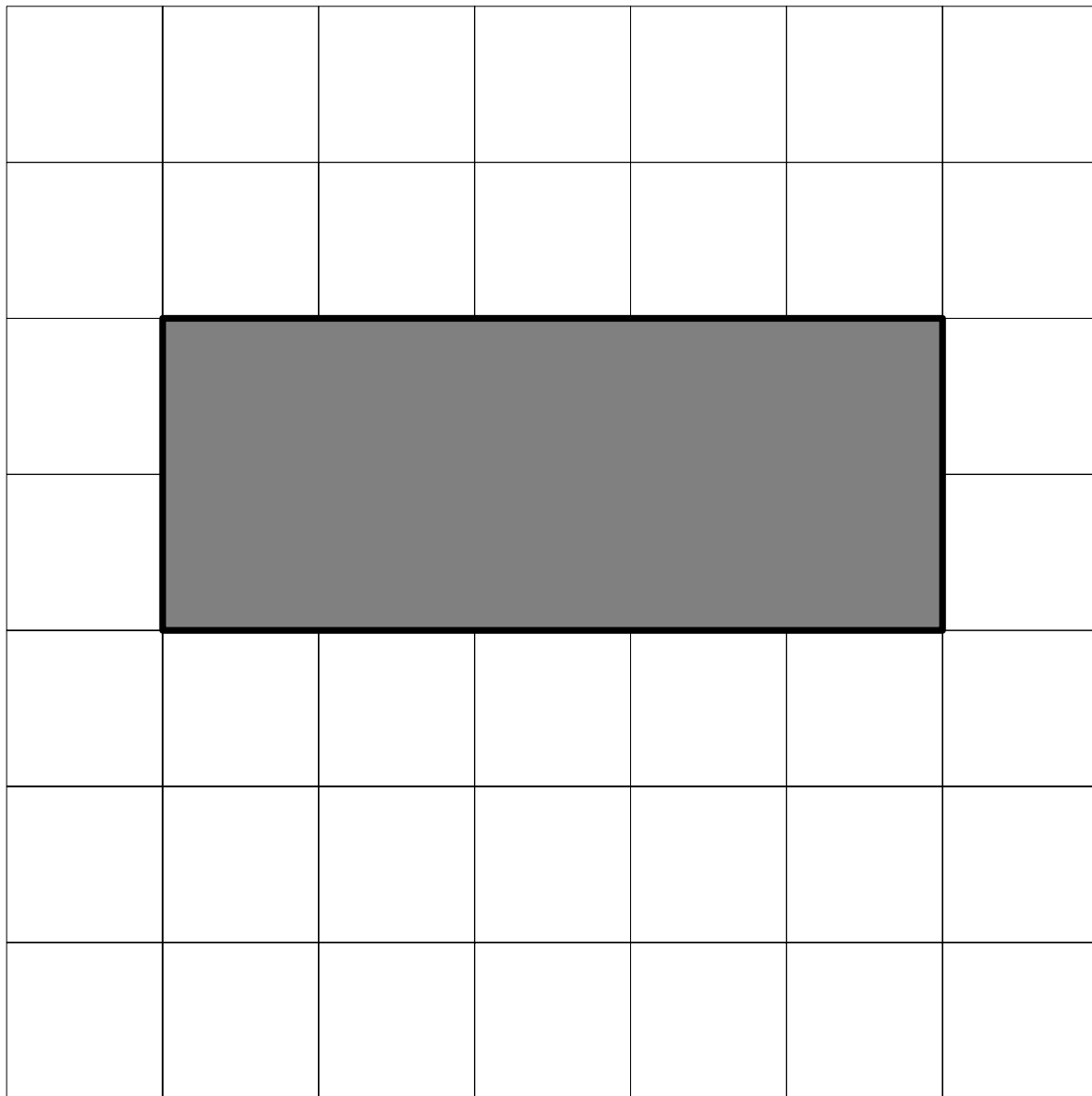
**F 12¢**

**G 92¢**

**H \$1.02**

**J \$1.12**

**9 Each small square on the grid is 1 square unit.**



**How many square units are needed to make the shaded figure shown on the grid?**

- A 5**
- B 7**
- C 10**
- D 14**

**10 Which would weigh closest to  
10 pounds?**

**F A caterpillar**

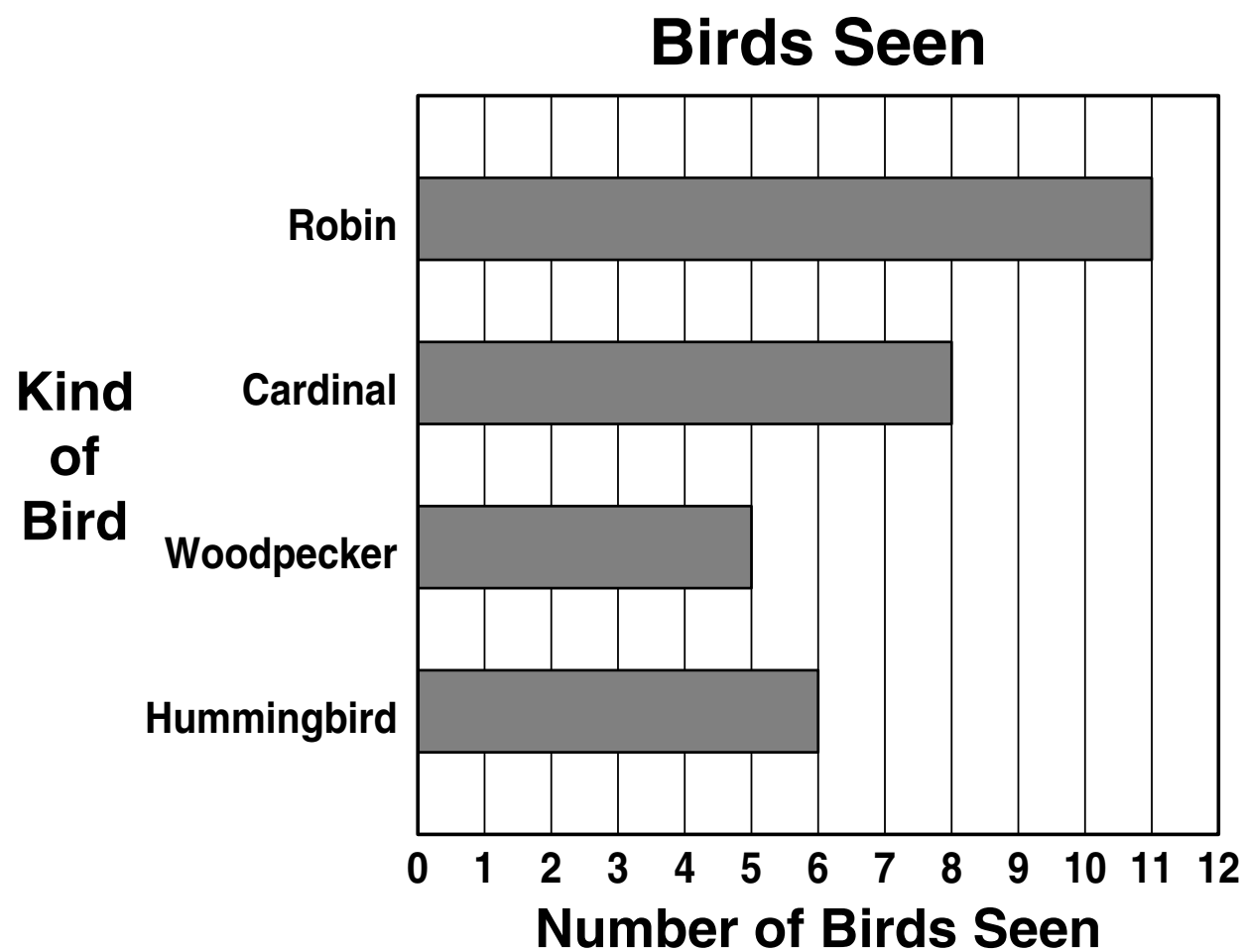
**G A butterfly**

**H A poodle**

**J A cow**

**11 The bar graph shows the number of different kinds of birds that Karen saw at her bird feeder last week.**

**How many more robins than woodpeckers did she see?**



**A 11**

**B 6**

**C 5**

**D 3**

**12 Lexi had 6 fish in her fish tank. Her dad bought her some more fish. After that, Lexi had 14 fish in her tank. How many fish did Lexi’s dad buy for her?**

**F 8**

**G 9**

**H 12**

**J 20**

**13 What is the value of the 2 in 652,814?**

**A 200**

**B 2,000**

**C 20,000**

**D 200,000**

**14 Which means seven hundred thousand five hundred ninety-two?**

**F 70,592**

**G 700,592**

**H 705,920**

**J 7,005,920**

**15 A deli made 423 sandwiches in one day. What is that number rounded to the nearest hundred sandwiches?**

**A 500**

**B 430**

**C 420**

**D 400**

**16** There are 368 buttons in a jar. What is that number rounded to the nearest hundred buttons?

**F** 300

**G** 360

**H** 370

**J** 400

**17** Which is true?

**A**  $6,293 < 4,526$

**B**  $4,521 < 4,297$

**C**  $6,750 < 6,150$

**D**  $6,113 < 6,869$



**18 The table below shows the length of some of the longest rivers in the world.**

**River Lengths**

<b>Name of River</b>	<b>Length in Miles</b>
<b>Mississippi</b>	<b>2,340</b>
<b>Nile</b>	<b>4,145</b>
<b>Yangtze</b>	<b>3,964</b>
<b>Amazon</b>	<b>4,000</b>
<b>Yenisei</b>	<b>3,442</b>

**The Amazon River is 4,000 miles long. This is LESS THAN the length of which river?**

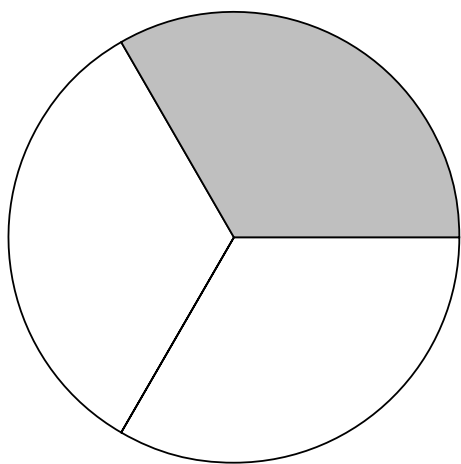
**F Mississippi River**

**G Nile River**

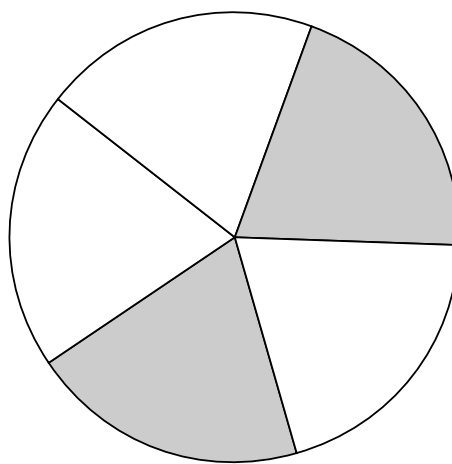
**H Yangtze River**

**J Yenisei River**

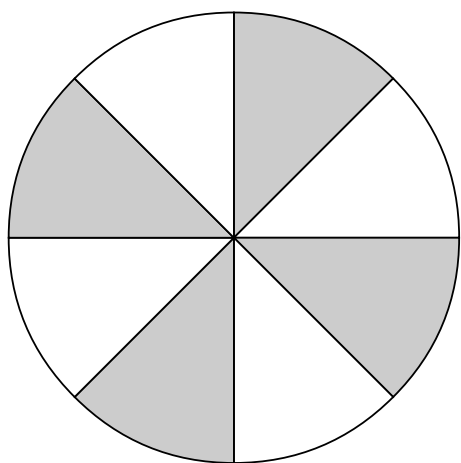
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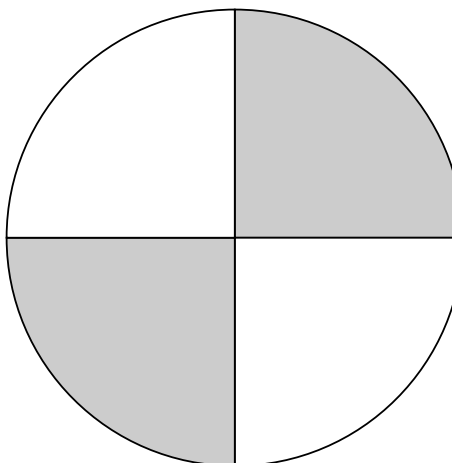
1



3



2



4

Which two figures have an equal fraction shaded?

- A 1 and 2
- B 1 and 3
- C 2 and 4
- D 3 and 4

	Number of Tickets Sold
Friday	4,806
Saturday	3,179

The table shows the number of tickets sold for the last two Dribblers’ basketball games. About how many tickets were sold for those two games all together?

- F 5,000
- G 6,000
- H 8,000
- J 10,000

**21 Mount Rogers is 5,729 feet high. Mount Hawksbill is 4,049 feet high. How much higher is Mount Rogers than Mount Hawksbill?**

- A 680 ft**
- B 1,239 ft**
- C 1,680 ft**
- D 1,720 ft**

**22  $7 \times 9 =$**

- F 16**
- G 32**
- H 56**
- J 63**

**23 Mr. Jonas bought 27 bags of potatoes. Each bag weighed exactly 5 pounds. How many pounds of potatoes is that all together?**

**A 32**

**B 107**

**C 130**

**D 135**

**24 The word problem below is part of Ben's homework.**

**Cathy bought 25 packages of balloons.**

**Each package has 4 balloons.**

**How many balloons did she buy in all?**

**Which of the following number sentences can Ben use to solve this problem?**

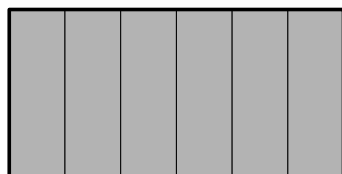
**F**  $25 \times 4 = \square$

**G**  $25 + 4 = \square$

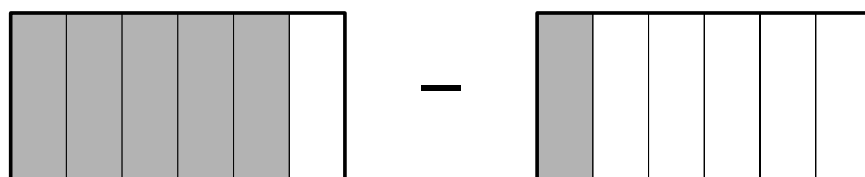
**H**  $25 - 4 = \square$

**J**  $25 \div 4 = \square$

25 This is a whole.



How much is



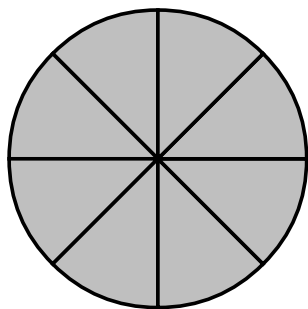
A  $\frac{1}{4}$

B  $\frac{4}{5}$

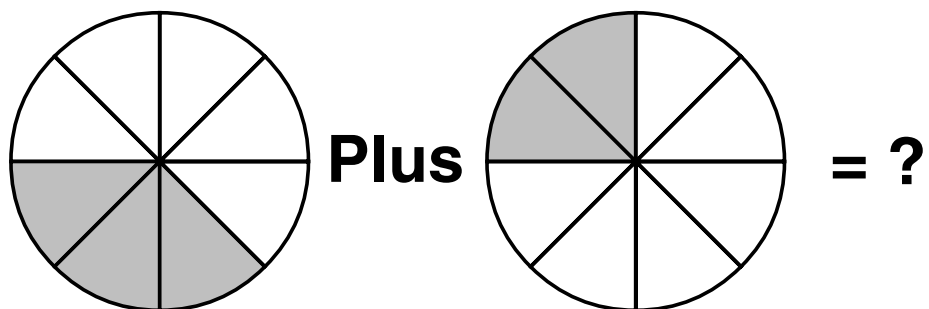
C  $\frac{6}{4}$

D  $\frac{4}{6}$

**26 This is a whole.**



**What is**



**F**  $\frac{1}{3}$

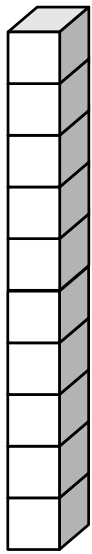
**G**  $\frac{3}{8}$

**H**  $\frac{2}{3}$

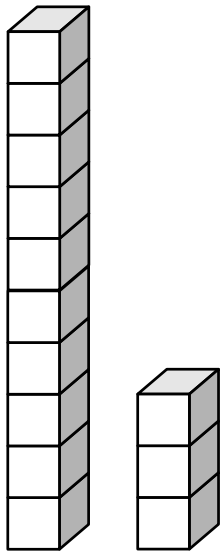
**J**  $\frac{5}{8}$



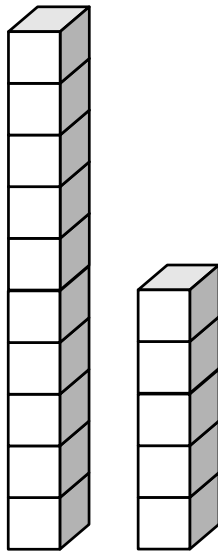
**27** This is one. This is one tenth.



**What is**



**plus**



**A 2.8**

**B 3.3**

**C 3.5**

**D 8.2**

**28 Mr. Colton paid Alice the money shown for shoveling the snow from his sidewalk.**

**One Dollar, One Dollar, One Dollar**

**Twenty-five cents, twenty-five cents**

**Twenty-five cents, twenty-five cents**

**Twenty-five cents**

**Ten cents, ten cents, ten cents, ten cents**

**Nickel, nickel, nickel, nickel, nickel, nickel**

**What is the total value of the money?**

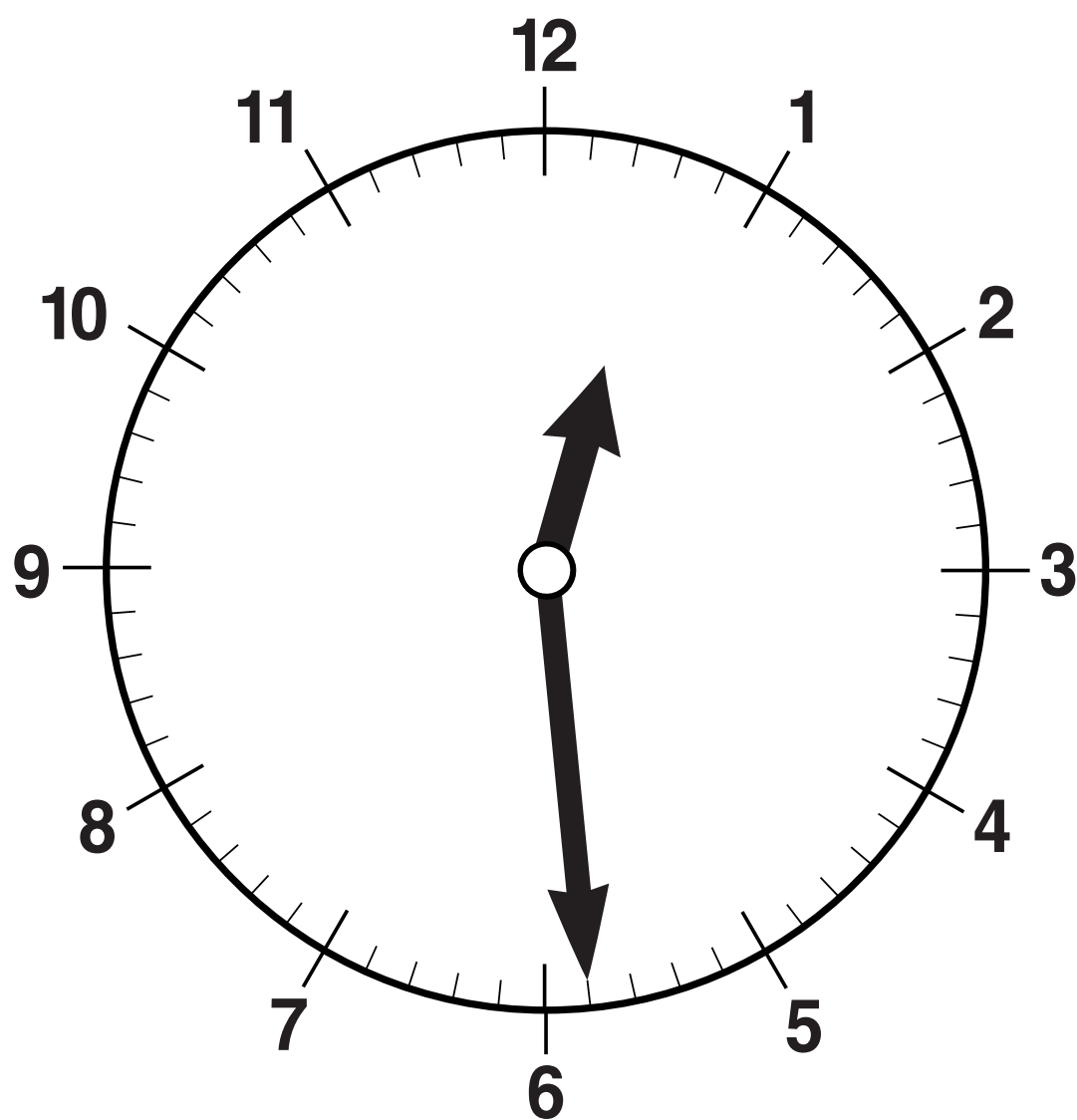
**F \$3.95**

**G \$4.16**

**H \$4.95**

**J \$6.15**

**29 The school principal has a fire drill planned for the time shown on the clock below.**



**Which is closest to the time shown on the clock?**

**A 12:06**

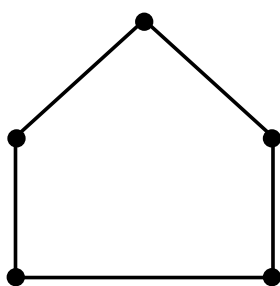
**B 12:29**

**C 1:06**

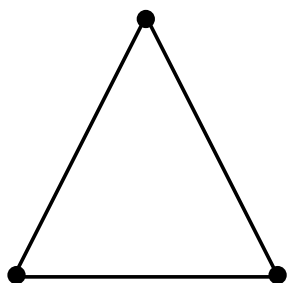
**D 1:29**

**30 Which could be one of the faces of a cylinder?**

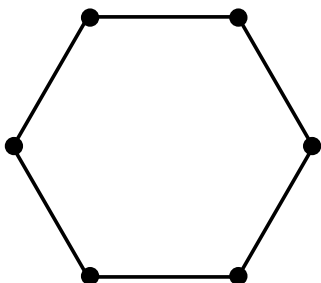
**F**



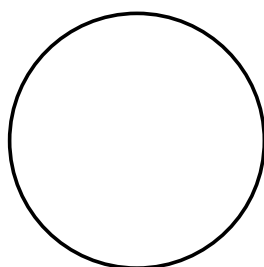
**G**



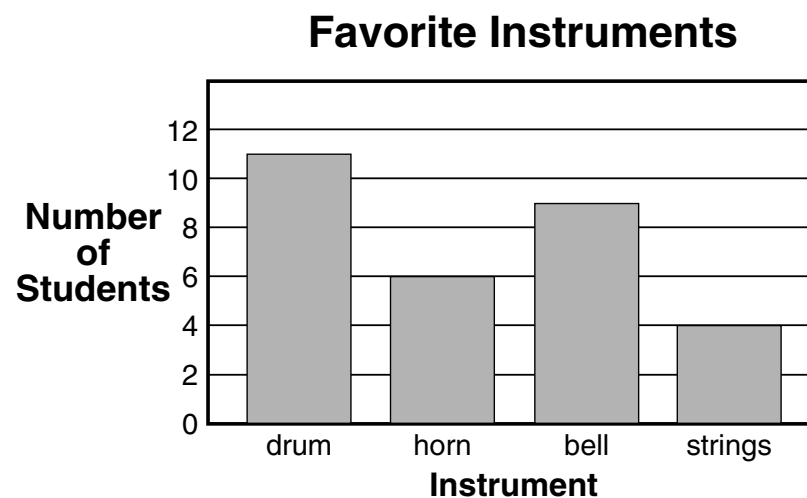
**H**



**J**



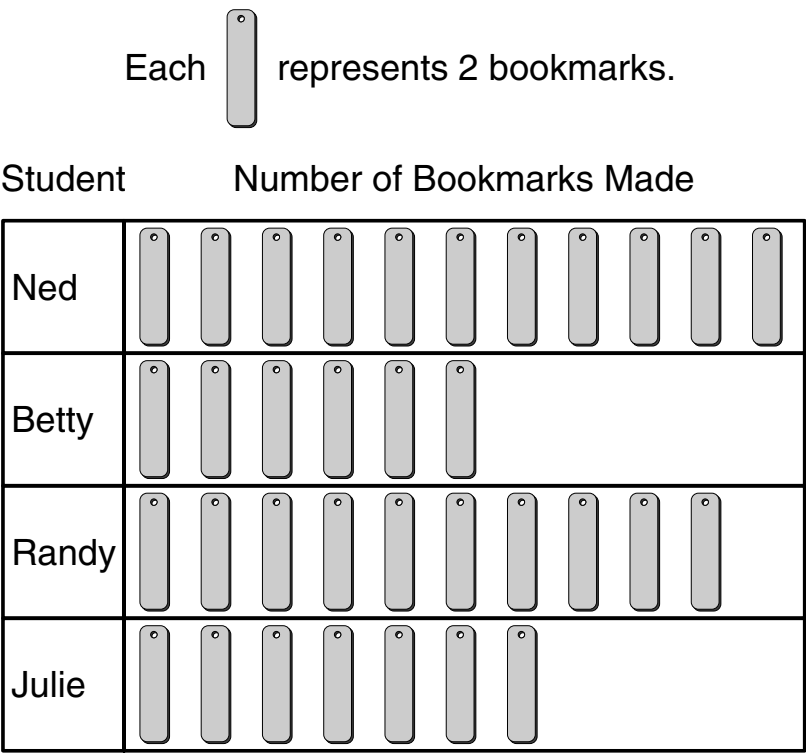
**31 This bar graph shows what instrument each student in Mike’s class would like to play. Use the graph to answer this question.**



**How many more students chose the drum than the horn?**

- A 2**
- B 5**
- C 6**
- D 11**

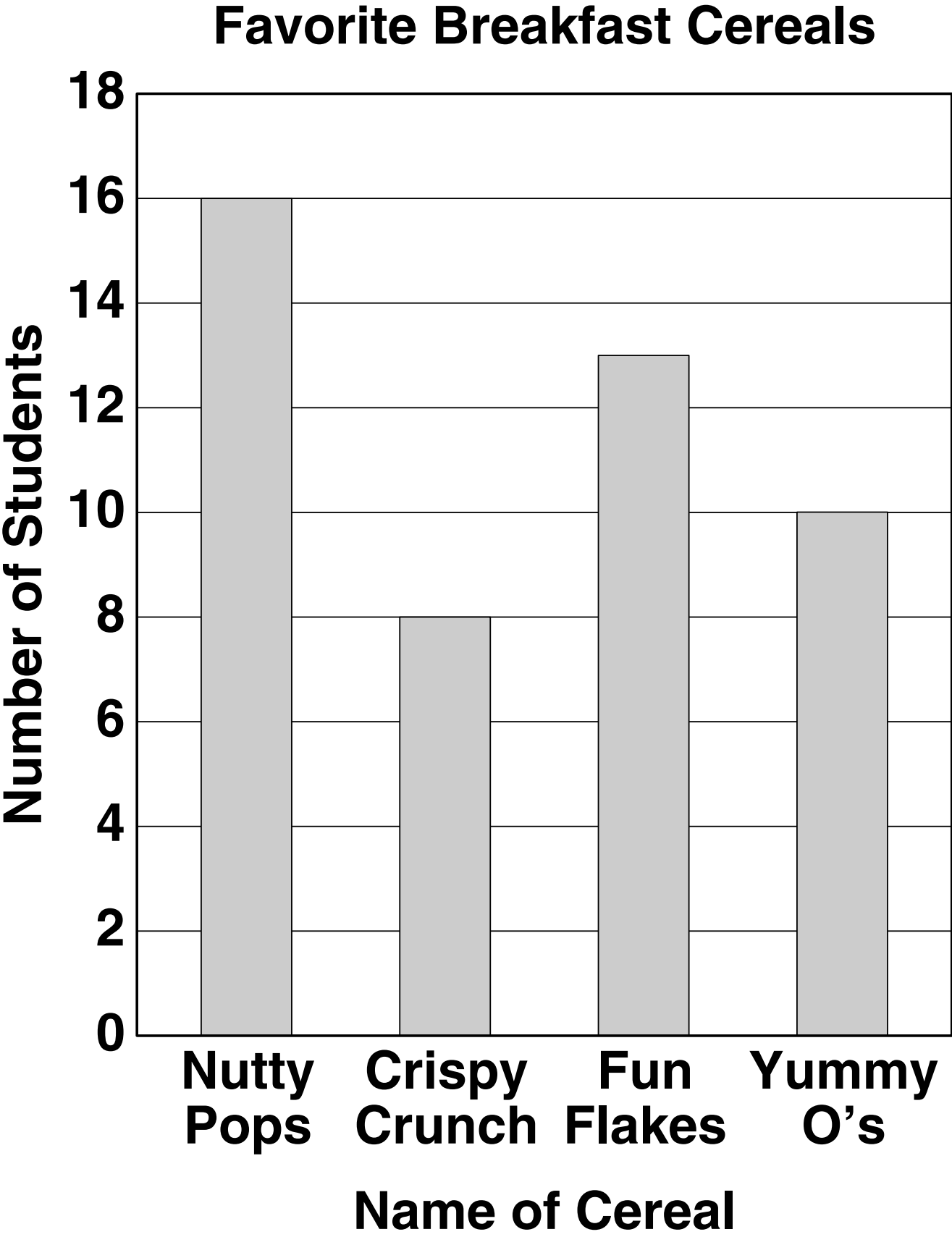
**32 Four students made bookmarks to sell at the school fair. The graph shows the number of bookmarks each student made.**



**How many more bookmarks did Ned make than Julie?**

- F   6**
- G   8**
- H   16**
- J   18**

33 The bar graph below shows the favorite breakfast cereals of some students.





**How many MORE students like Nutty Pops than Yummy O's?**

**A 16**

**B 6**

**C 3**

**D 1**

**34** Louis bought these cans of food and put them in a bag.

CORN

CORN

PEAS

PEAS

PEAS

PEAS

PEAS

BEANS

BEANS

BEANS

BEANS

BEANS

BEANS

BEANS

BEANS

BEANS

SPINACH

SPINACH

SPINACH

SPINACH

**If Louis, without looking, picks one can from the bag on the previous page, which kind of can is he LEAST LIKELY to pick?**

**F**

**CORN**

**G**

**PEAS**

**H**

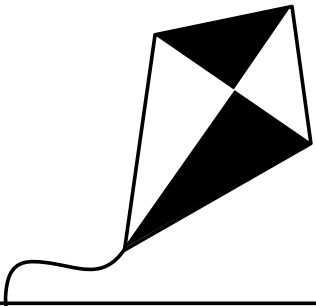
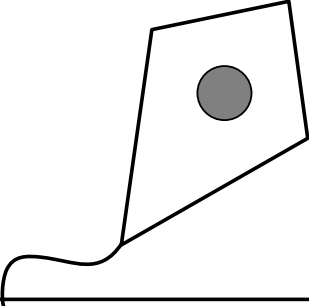
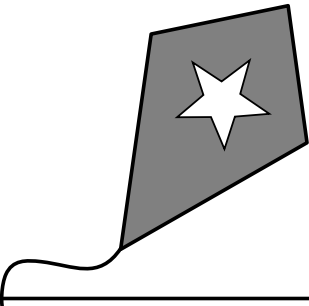
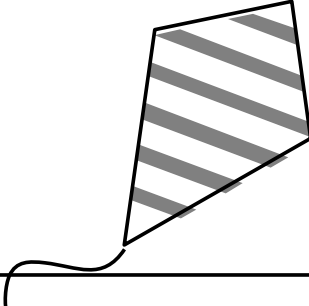
**BEANS**

**J**

**SPINACH**

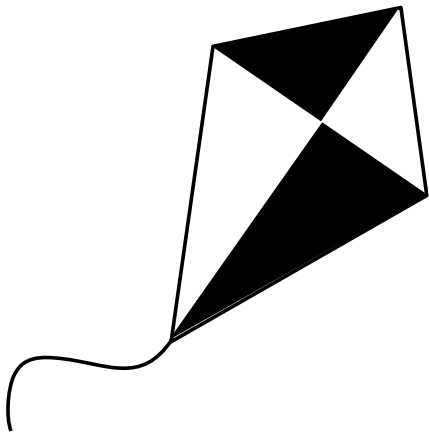
**35** The chart below shows the number of each kind of kite that are mixed up in a box.

**Kites for Sale**

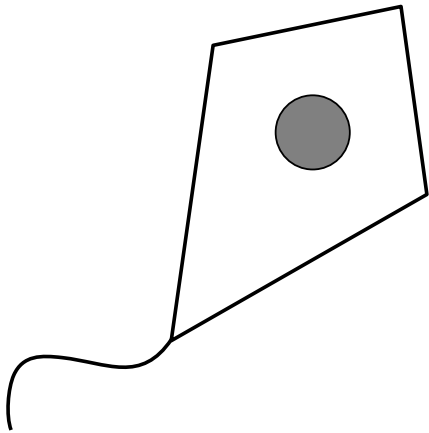
Kind of Kite	Number of Kites
	4
	7
	18
	11

If Cathy picks a kite from the box without looking, what kind is it **MOST LIKELY** to be?

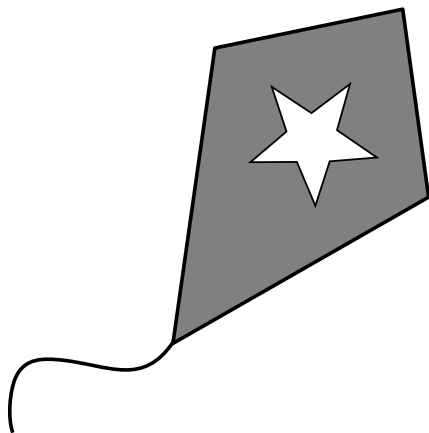
**A**



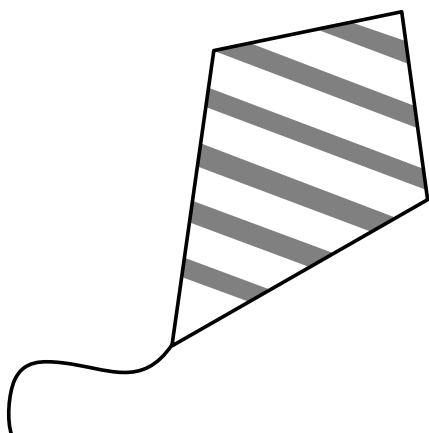
**B**



**C**



**D**



36

Bus	Time
1	8:30
2	8:45
3	9:00
4	9:15
5	9:30
6	9:45
7	10:00
8	

The table shows the time each bus leaves the station in the morning. If the pattern continues, what time should Bus 8 leave the station?

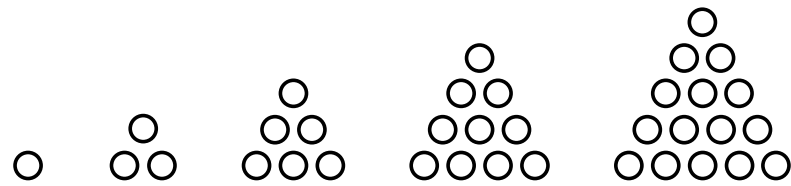
F 10:45

G 10:30

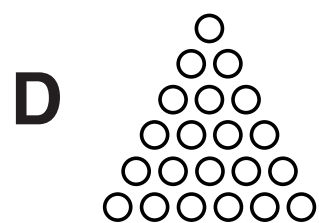
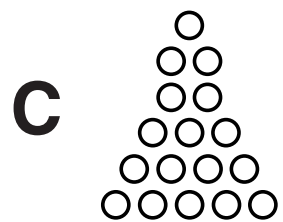
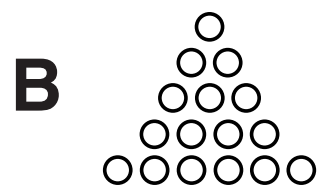
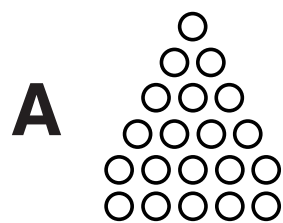
H 10:15

J 10:05

**37 Wayne used a pattern to make each stack of blocks in this group.**



**What should the next stack of blocks in this pattern look like?**



**38 The table shows the amount of time Karen spent practicing ice skating.**

Day	Practice Time
Monday	30 minutes
Tuesday	45 minutes
Wednesday	60 minutes
Thursday	75 minutes
Friday	90 minutes
Saturday	—

**If the pattern in the table continues, how many minutes will Karen spend practicing on Saturday?**

**F 95**

**G 100**

**H 105**

**J 110**



**39 The table below shows the times that the train leaves from each station.**

<b>Station</b>	<b>Time</b>
Westin	5:00
Lee	5:06
Carson	5:12
Burr	5:18
Madison	

**If the pattern continues, what time will the train leave the Madison station?**

- A 5:19**
- B 5:20**
- C 5:24**
- D 5:26**

**40 The table below shows the number of vans needed for different numbers of students to go on a camping trip.**

<b>Number of Vans</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>Number of Students</b>	<b>6</b>	<b>12</b>	<b>18</b>	<b>24</b>	<b>30</b>	<b>?</b>

**If the pattern in the table continues, how many students are able to ride in 6 vans?**

**F 31**

**G 36**

**H 40**

**J 42**

**Answer Key**

Test Sequence Number	Correct Answer
1	C
2	F
3	D
4	J
5	C
6	F
7	C
8	J
9	C
10	H
11	B
12	F
13	B
14	G
15	D
16	J
17	D
18	G
19	C
20	H
21	C
22	J
23	D
24	F
25	D
26	J
27	A
28	H
29	B
30	J
31	B
32	G
33	B
34	F
35	C
36	H
37	D
38	H
39	C
40	G